

JAVA 2 Marks Questions.

- a) List any eight features of Java
- b) State use of finalize() method with its syntax.
- c) c) Name the wrapper class methods for the following:
 - (i) To convert string objects to primitive int.
 - (ii) To convert primitive int to string objects.
- d) List the types of inheritances in Java.
- e) Write the syntax of try-catch-finally blocks.
- f) Give the syntax of < param > tag to pass parameters to an applet.
- g) Define stream class. List its types.
- h) Define constructor. List its types.
- i) Define class and object.
- j) List the methods of File Input Stream Class.
- k) Define error. List types of error.
- l) List any four Java API packages.
- m) Define array. List its types.
- n) List access specifiers in Java
- o) Enlist the logical operators in Java.
- p) Give the syntax and example for the following functions i) min () ii) Sqrt ()
- q) Define the interface in Java.
- r) Enlist any four inbuilt packages in Java.
- s) Explain any two methods of File Class.
- t) Write syntax of elipse.
- u) Enlist any four compile time errors.

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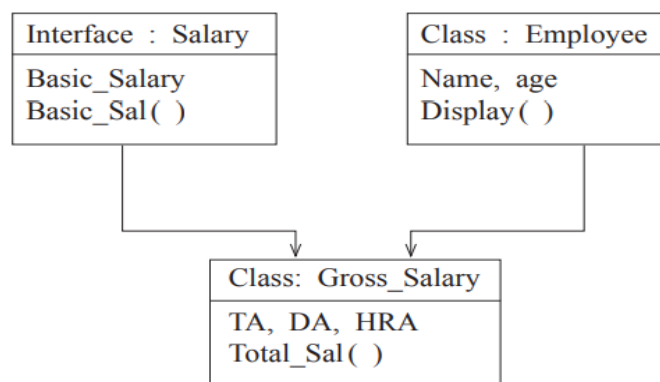
JAVA 4 Marks Questions.

- a) Explain the concept of platform independence and portability with respect to Java language.
- b) Explain the types of constructors in Java with suitable example.
- c) Explain the two ways of creating threads in Java.
- d) Distinguish between Input stream class and output stream class.
- e) Define a class student with int id and string name as data members and a method void setData (). Accept and display the data for five students.
- f) Explain dynamic method dispatch in Java with suitable example.
- g) Describe the use of following methods:
 - (i) Drawoval ()
 - (ii) getFont ()
 - (iii) drawRect ()
 - (iv) getFamily ()
- h) Write a program to count number of words from a text file using stream classes.
- i) Describe instance Of and dot (.) operators in Java with suitable example.
- j) Explain the four access specifiers in Java.
- k) Differentiate between method overloading and method overriding.
- l) Differentiate between Java Applet and Java Application (any four points)
- m) Write a program to copy content of one file to another file.
- n) Differentiate between String and String Buffer.
- o) Define a class circle having data members Pi and radius. Initialize and display values of data members also calculate area of circle and display it.
- p) Define exception. State built-in exceptions.
- q) Write a syntax and example of
 - (i) drawRect ()
 - (ii) drawoval ()

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JAVA 6 Marks Questions.

- a) Describe the use of any methods of vector class with their syntax.
- b) Explain the concept of Dynamic method dispatch with suitable example.
- c) Write a program to create two threads. One thread will display the numbers from 1 to 50 (ascending order) and other thread will display numbers from 50 to 1 (descending order).
- d) Explain the command line arguments with suitable example.
- e) Write a program to input name and salary of employee and throw user defined exception if entered salary is negative.
- f) Describe the applet life cycle in detail.
- g) Write a program to create vector with five elements as (5, 15, 25, 35, 45). Insert new element at 2nd position. Remove 1st and 4th element from vector.
- h) Define packages. How to create user defined package? Explain with example.
- i) Write a program to create two threads one thread will print even no. between 1 to 50 and other will print odd number between 1 to 50.
- j) Explain how to pass parameter to an applet? Write an applet to accept username in the form of parameter and print "Hello".
- k) Write a program to perform following task.
 - (i) Create a text file and store data in it.
 - (ii) Count number of lines and words in that file.
- l) Implement the following inheritance



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